VOLCHKOV, A. V., and RUDITSKIY, M. G., (Prof.) -- Kursk

"The Importance of Angiography for Diagnosing Bony Tumors."

Report submitted for the 27th Congress of Surgeons of the USSR, Moscow, 23-28 May 1960.

VOLCHKOV, Boris Alekseyevich; EYDEL'MAN, B.I., red.; PONOMAREVA,

[Development of industry and the creation of the material and technical base of communism] Razvitie promyshlennosti i mozdanie material'no-tekhnicheskoi bazy kommunizma. Moskva, Ekonomizdat, 1963. 81 p. (MIRA 16:9) (Russia--Economic policy) (Technology)

SIMAKIN, A.M.; BARABANOV, V.Ye.; BORISOV. R.M.; AFORITOSHIR, V.N.; CRIBKOV, V.M.; CHUDESOV, I.D.; VOLCHKOV, B.A.; KUZNETSOVA, N.Ya., red.

[Technology of the maintenance of ZIL-150, ZIL-164 and ZIL-585 motor vehicles in agriculture] Tekhnologiic teknnicheskogo obsluzhivaniia avterobilei ZIL-150, ZIL-164 i ZIL-585 v seliskom khozialstve. Moskva, 1963. 78 p. (MilA 17:0)

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l. Perovo. Gosudarstvennyy Vsesovuznyy nauchno-issledo-vateliskiy tekhnologicheskiy institut remonta i ekspluatatsii mashinno-traktornogo parka. 2. Laboratoriya tekhnologii remonta i tekhnicheskogo obsluzhivaniya avtomobiley i reziny Gosudarstvennogo soyuznogo nauchno-issledovateliskogo tekhnologicheskogo instituta.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001860420012-7"

VOLCHKOV, B.P. (Moskva)

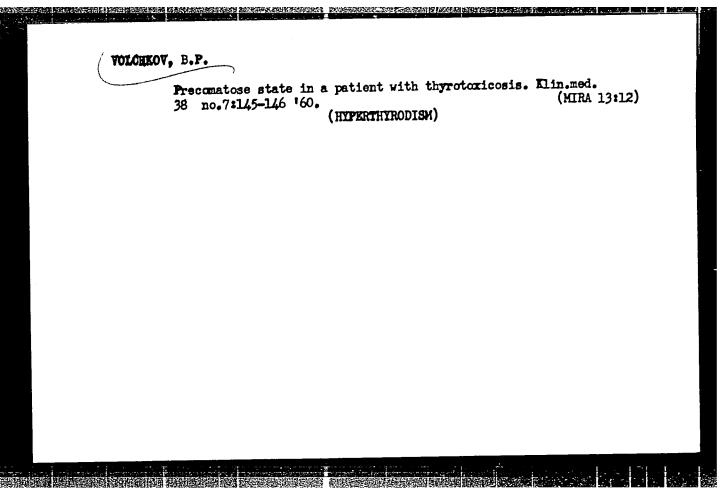
Successful treatment of embolism of the popliteal artery with heparin. Klin.ned. 37 no.8:140-141 Ag '59. (MIRA 12:11)

1. Iz Glavnogo voyennogo gospitalya im. akad. N.N.Burdenko. (POPLITEAL ARTERT, diseases) (EMBOLISM, therapy) (HEPARIN, therapy)

SHUL'TSEV, G.P.; VOLCHKOV, B.P.

Glinical aspects of an atherosclerotic aneurysm of the thoracic aorta. Klin.med. 38 no.6:121-126 Je '60. (MIRA 13:12)

(AORTIC ANEURYSM) (ARTERIOSCLEROSIS)



17(13)

SOV/177-58-5-7/30

AUTHOR:

Volchkov, B.P., Colonel of the Medical Corps

TITLE:

Application of Resergine (Serpasil) to Patients Suffer-

ing From Hypertonia (Primeneniye reserpina bol'nym

gipertonicheskoy bolezn'yu)

PERIODICAL:

Voyenno-meditsinskiy zhurnal, 1958, Nr 5, pp 35 - 38

(USSR)

ABSTRACT:

The author worked out 105 case histories of patients suffering from hypertonia in the second and third stage, who were treated with reserpine without using other hypotensive means. Based on these results, the author concluded that: 1) the reserpine treatment of patients suffering from second and third stage hypertonia has a considerable hypotensive Reserpine can be used in combination with other hypotensive means; 2) a combined treatment with reserpine and other hypotensive preparations is expedient in case the reserpine administered to the patient remains ineffective in the course of three

Card 1/2

SOV/177-58-5-7/30

Application of Reserpine (Serpasil) to Patients Suffering From Hypertonia

weeks; 3) treatment with reserpine is to be started with small doses which can be increased gradually in case of insufficient hypotensive results; 4) myocardial infarction and cerebral insultus in the patient's anamnesis are no indication that reserpine should not be applied. There are 2 tables.

Card 2/2

EMP(m)/EMT(1)/FCS(k)/EWA(d)/EWA(1) Pd-1 L 52160-65 UR/0207/65/000/002/0050/0053 ACCESSION NR: AF5013370 AUTHORS: Volchkey, E. P. (Hovosibirsk); Kutateladse, S. S. (Hovosibirsk); Leont'yev, A. I. (Hovosibirsk) TITLE: Interaction between a subserged turbulent jet and a solid wall SOURCE: Zhurnal prikladnov mekhaniki i tekhnicheskov fiziki, no. 2, 1965, 50-53 TOPIC TAGS: Hisselt number, turbulent flow, turbulent jet, boundary layer, skin friction, Stanton number ABSTRACT: The conservation law of wall turbulence relative to changes in boundary conditions was used to investigate the interaction between a submerged turbulent jet with a solid wall. The schematic of the flow is shown in Fig. 1 on the Enclosure. A momentum integral method is used to obtain the momentum conservation equation 81 7 Res div. 1 + 800 - 800 Wo dx Apere

L 52160-65 ACCESSION NR: AP5013370

and the velocity profile is determined from the one-seventh power law. An expression is derived for the skin friction coefficient C<sub>f</sub> and, after a correlation with experimental data it, is reduced to the form

$$\frac{C_{f1}}{2} = \frac{0.0314}{R_{\bullet}^{0.5} Z^{0.11}} =$$

Using this expression in the definition of the Stanton number, two equations are obtained for the nondimensional heat transfer coefficient which, for the submarged wall jet, is given by  $\left(N_x = \frac{\alpha x}{\lambda} = 0.1197 \left(\frac{w_s x}{v_0}\right)^{0.5} X^{-0.4} P^{0.6}\right)$ 

and for the wall jet with a weak wake by

$$\frac{(\rho w)_e}{(\rho w)_{\infty}} > 3$$
,  $S_5 = \frac{0.113}{R_0 \cdot 3 \times 10^{-9} \cdot 10^{-9}}$ 

This latter equation is shown to coincide with the results of M. Jakob, R. Rose, and M. Spielman (Heat Transfer From an Air Jat to a Plane Plate With Entrainment of Water Vapor From the Environment. Trans. ASME, 1950, vol. 72, No. 6) for Pris O.71. Orig. art. has: 23 equations and 4 figures.

ASSOCIATION: BGHS

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KLYUCHNIKOV, A.D.; VOLCHKOV, E.P.

Increasing the uniformity of ingot heating in height, in recuperative soaking pits with heating from the hearth center. Izv. vys. ucheb. zav.; chern. met. 4 no.12:157-165 '61. (MIRA 15:1)

1. Moskovskiy energeticheskiy institut.
(Furnaces, Heating)

L 22675-66 EWT(1)/EWP(m)/EMA(d)/EMA(L)

ACC NRI AP6009058

SOURCE CODE: UR/0207/66/000/001/0115/0120

AUTHOR: Volchkov, E. P. (Novosibirsk); Levchenko, V. Ya. (Novosibirsk)

44 Zz

ORG: none

TITLE: Efficiency of gas screens on a tubular surface

SOURCE: Zhurnal prikladnoy mekhaniki i tekhnicheskoy fiziki, no. 1, 1966, 115-120

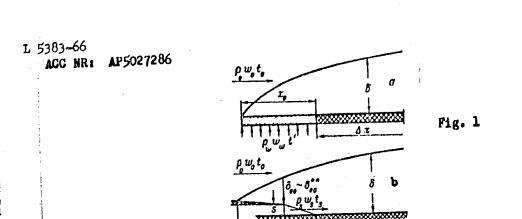
TOPIC TAGS: heat transfer, cooling, thermal protection, wall cooling

ABSTRACT: Experiments were made to determine the efficiency of cold gas jets used for protecting duct walls from the heat transferred from a main gas stream. Cold air and air preheated to 55—100C were used as the hot and cold gases. The cold air was injected at 1—6 m/sec through a slit parallel to a corrugated wall consisting of ebonite cylinder sections. These sections were mounted on a panel and placed in the 150-mm-wide rectangular test section. Velocity and temperature profiles were measured at the inlet and in various cross sections of the test section. The data were correlated in terms of the main gas flow viscosity, wall temperature, Reynolds number, and distance from the inlet. The efficiencies of cold gas jets for protecting smooth and corrugated walls are compared. Orig. art. has: 4 formulas and 11 figures.

SUB CODE: 01/ SUBM DATE: 18Mar64/ ORIG REF: 004/ OTH REF: 005/ ATD PRESS: 4210

Card 1/1 Acres

L	5383-66 ENT(1)/EWP(m)/FCS(k)/EWA(1) WW SOURCE CODE: UR/0207/65/000/005/0142/0146 ACC NR: AP5027286 UR/0207/65/000/005/0142/0146
	5383-66 EWT(1)/EWP(m)/FCS(k)/EWA(1) WW SOURCE CODE: UR/0207/65/000/005/0142/0146 ACC NR: AP5027286 SOURCE CODE: UR/0207/65/000/005/0142/0146  AUTHORS: Volchkov, E. P. (Novosibirsk); Levchenko, V. Ys. (Novosibirsk)
	ORG: none
:	TITLE: Effectiveness of gaseous screening in a turbulent boundary layer /,44.55  SOURCE: Zhurnal prikladnoy mekhaniki i tekhnicheskoy fiziki, no, 5, 1965, 142-146
	hourdary layer, transpiration cooling, warpen
	distribution, may oramorature
-	ABSTRACT: The effectiveness of slot and porous wall injection on the temperature distribution of a wall immersed in a hot flowing gas is investigated. The two distribution of a wall immersed in a hot flowing gas is investigated. The two distribution of a wall immersed in a hot flowing gas is investigated. The two distribution of a wall immersed in a hot flowing gas is investigated. The two distribution of a wall immersed in a hot flowing gas is investigated. The two distribution of a wall immersed in a hot flowing gas is investigated. The two distribution of a wall immersed in a hot flowing gas is investigated. The two distribution of a wall immersed in a hot flowing gas is investigated. The two distribution of a wall immersed in a hot flowing gas is investigated. The two distribution of a wall immersed in a hot flowing gas is investigated. The two distribution of a wall immersed in a hot flowing gas is investigated. The two distribution of a wall immersed in a hot flowing gas is investigated. The two distribution of a wall immersed in a hot flowing gas is investigated. The two distributions of a wall immersed in a hot flowing gas is investigated.
	by the Stanton number $S = \frac{A}{R^{0.0-m_H}} P^{-0.75}$
; ;•	0901 127



For the porous wall case the wall temperature is described by the expression

$$\theta = \frac{t_0 - t_{aw}}{t_0 - t'} = \frac{\{[1 + 62.5(\mu_0 q^{-1} R_{\Delta x}^{0.8})^{-1,25}]^{0.114} - 1\}^{0.8}}{[1 + 0.016(\mu_0 q^{-1} R_{\Delta x}^{0.8})^{1.25}]^{0.16}}$$

Gard 2/3

L 5383-66 ACC NR: AP5027286

and for m  $\approx 1$  becomes  $\theta = \{(1 + 62.5 (K + 2)^{-1})^{0.0} - 1\}^{0.0} (1 + 0.010K)^{-0.10}$ 

All three equations above are shown graphically and compared with experimental data. The results are found to be satisfactory. Orig. art. has: 21 equations and 7 figures.

SUB CODE: ME/ SUBM DATE: Olfeb64/ ORIG REF: 006/ OTH REF: 005

Card 3/3

VOLCHKOY, E.P. (Novosibirsk); KUTATELADZE, S.S. (Novosibirsk); LEONT'YEV, A.I. (Novosibirsk)

Interaction between a submerged turbulent jet and a rigid wall. PMTF no.2:50-53 Mr-Ap '65. (MIRA 18:7)

VOLCHKOV, E.P.; LEVCHENKO, V.Ye.

Thermal turbulent boundary layer on a flat plate with a heat-insulated section. Inzh.-fiz. zhur. 8 no.6:703-706 Je '65. (MIRA 18:7)

1. Institut teplofiziki Sibirskogo otdeleniya AN SSSR, Novosibirsk.

L 54827-65 ENT(m)/EPF(c'/ENG(v)/EPR/EPA(w)-2/EWP(j) Pc-4/Pab-10/Pe-5/Pr-4/Ps-4 WW/RM ACCESSION NR: AP5016677 UR/0170/65/008/006/0703/0706 532.517.4 5.2

AUTHOR: Volchkov, E. P.; Levchenko, V. Ya.

TITLE: Thermal turbulent boundary layer on a plane plate with a heat-insulated

section

SOURCE: Inzhenerno-fizicheskiy zhurnal, v. 8, no. 6, 1965, 703-706

TOPIC TAGS: heat transfer, heat boundary layer, heat transfer coefficient

ABSTRACT: A thermal turbulent boundary layer on a plane plate with a heat-insulated section has been theoretically studied. Equations were derived for the thermic conditions both in front of and behind the insulated section using the published equation

Results of the studies of the influence of the initial insulated section on the heat transfer coefficient and the distribution of temperature in the heat-insulated wall behind the heat transfer section are graphed. Orig. art. has: 20 formulas and 3 figures. [AC]

Card 1/5

L 54827-55 ACCESSION NR: AP5016677			
ASSOCIATION: Institut tepl	ofiziki SO AN SSSR, No	vosibirak (Institute of	Thermo-
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NO REF SOV: 002	OTHER: 002	ATD PRESS: 4030	
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Card 2/2			

L\_0382**5-67** EWT(1)/EWP(m)WW ACC NR. AP6021363 SOURCE CODE: UR/0207/66/000/003/0149/0153 AUTHOR: Volchkov, E. P. (Novosibirsk); Kutateladze, S. S. (Novosibirsk); Levchenko. V. Ya. (Novosibirsk); Leont'yev, A. I. (Novosibirsk) 38 ORG: none TITLE: Baffle cooling in the case of a current blowing into a turbulent boundary layer through multi-aperture and grid grates SOURCE: Zhurnal prikladnoy mekhaniki i tekhnicheskoy fiziki, no. 3, 1966, 149-153 TOPIC TAGS: turbulent flow, boundary layer, cooled boundary layer ABSTRACT: An analytic method is proposed for determining the effectiveness of baffle cooling of a plane thermally insulated wall when a cooling gas is delivered through grates. Results obtained for the cooling effect of a gas passing through a single aperture are shown to be applicable to the more complex problem. Equations for the degree of energy and momentum loss are introduced for the second aperture as an extension of those for the first. An estimate is then made of the effectiveness of heat protection, the measure of which is taken to be the temperature of the insulated wall. These estimates are shown to agree with experimental data. Orig. art. has: 23 formulas, 6 figures. SUB CODE: 13/ SUBM DATE: 21Apr65/ ORIG REF: 006/ OTH REF: 002 Card 1/1 nst

Instructi	ve example.	Proftekh.obr	. 19 no.1:21	Ja '62.	
		lishche No.3,		(MIRA 15:1)	

22 (1)

AUTHOR:

Volchkov, I., Chairman

SOV/27-59-2-14/30

TITLE:

Our Experience (Nash opyt)

PERIODICAL:

Professional no-tekhnicheskoye obrazovaniye, 1959, Nr 2,

p 22 (USSR)

ABSTRACT:

The author discusses ways to improve the political awareness of students. In this connection, reference is made to the Orel Oblast' Methodological Union of Instructors of Political Subjects which began its regular activities at the pedagogical conference in August 1957. Much attention is paid to the mutual visits of instructors and the establishment of wellequipped study centers, where politico-educational activities are carried out. Ye. A. Atkosova of the Orlovskoy tekhnicheskoye uchilishche Nr l (Orel Technical School Nr l) lectured to the Union on the experience gained by the school's circle for regional studies.

Card 1/2

Our Experience

SOV/27-59-2-14/30

ASSOCIATION:

Metodicheskoye ob"yedineniye prepodavateley politzanyatiy Orlovskogo oblastnogo upravleniya trudovykh rezervov

(Methodological Union of Instructors of Political Knowledge,

Orel Oblast' Administration of Labor Reserves).

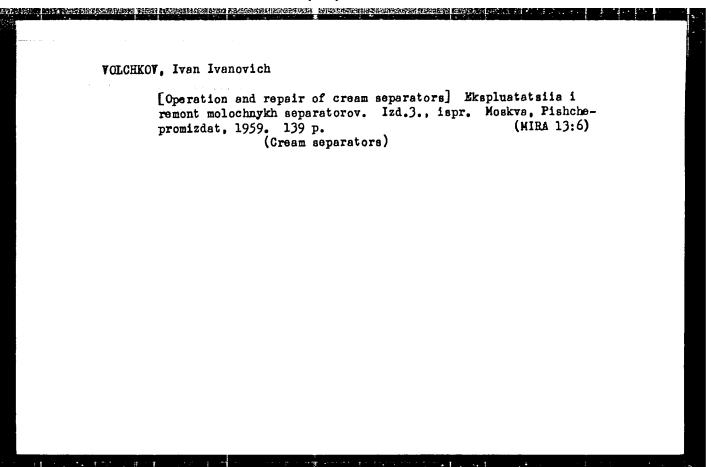
Card 2/2

VOLCHKOV, Ivan Ivanovich, kand. tekhn. nauk; LIPATOV, N.N., kand. tekhn. nauk, retsenzent; BOGATAYA, L.M., red.

[Separators for milk; their design, use, and repair] Separatory dlia moloka; konstruktsiia ekspluatatsiia i remont. 4. izd. Moskva, Pishchevaia promyshlennost', 1965. 205 p. (MIRA 18:6)

VOLCHKOV, 1.I., inzh.; GUR'YANOV, A.I., inzh.

Hoist for hopper feeding. Wekh.i avtoz.proizv. 17 no.11:24 N
'63. (MIRA 17:4)



#### CIA-RDP86-00513R001860420012-7 "APPROVED FOR RELEASE: 03/14/2001

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AUTHORS:

507/105-58-9-19/34 1)Gorodskiy, D. A., Professor, Doctor

of Technical Sciences, Volchkov, I. Yer, Engineer

2) Ivanov-Smolenskiy, A. V., Docent, Candidate of Technical

Sciences

3) Veretennikov, L. P., Docent, Candidate of Technical Sciences, Barinov, N. G., Docent, Candidate of Technical Sciences, Babushkin, M. N., Candidate of Technical Sciences

Potapkin, A. I., Engineer

(Leningrad)

TITLE:

Dynamic Models of Power Systems (O dinamicheskikh modelyakh

energosistem)

PERIODICAL:

Elektrichestvo, 1958, Nr 9, pp 80 - 82 (USSR)

ABSTRACT:

Remarks concerning the paper by I.S.Bruk in Elektrichestvo, 1956, Nr 2. 1) According to the paper, the methods of using mathematical and physical models are contrary to each other. It is shown here that this is not correct and that a reasonable coordination of the two methods should rather be aimed at. 2) The author follows the opinion of M.P.Kostenko, V.A. Venikov and N.N. Shchedrin,

Card 1/2

and points out that for investigating transients in

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Dynamic Models of Power Systems

507/105-58-9-19/34

electric power systems one should combine the results gained with dynamic models with those obtained by the use of electronic digital computers. 3) The authors ask for a combined use of dynamic models and computers. They show that even in such fields where digital computers prevail, one cannot do without dynamic models. There

ASSOCIATION:

1) Nauchno-issledovatel skiy institut elektrotekhnicheskoy promyshlennosti (Scientific Research Institute of Electrical Institute for Power Engineering)

Card 2/2

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VOZCHKOV, K.B

AUTHOR:

Volchkov, K. B. (Moscow).

103-1-8/10

TITLE:

Some Optimum Correlations for an Ideal Magnetic Amplifier Governed by an a.c-Signal (Nekotoryye optimal'nyye sootnosheniya v ideal'nom magnitnom usilitele pri upravlenii signalom peremennoge toka).

PERIODICAL:

Avtomatika i Telemekhanika, 1958, Vol. 19, Mr 1, pp. 85-94 (USSR).

ABSTRACT:

In this paper induction—coil amplifiers with an active load, which are fed by an input a.c.—signal, which is represented by modulated oscillations of the carrier wave are analysed. In the case of full—wave rectification the doubled frequency of the amplyfier supply represents this carrier—frequency. Amplifiers of such a type are here referred to as a.c.—amplifiers. It is shown, that the determination of the coefficient of power amplification of an amplifier destined for a.c.—amplification according to the apparent—and true power is ineffective. The formula existing for this purpose do not permit to utilize fully the entire amplification scheme. Moreover, these formulae cannot be used for every type of magnetic amplifiers. It is proposed here to define the coefficient of power amplification as the ratio of the power output at a certain load to the maximum power, which can be delivered by the signal feeder at a tuned—in load. In the case of an ideal magnetic amplifier governed by a certain sinusoidal a.c.—signal the

Card 1/2

Some Optimum Correlations for an Ideal Magnetic Amplifier Governed 103-1-8/10 by an a.c.-Signal.

maximum of power amplification (equalling the power maximum at load) occurs at a time lag of the governing circuit of the amplifier which is equal to the inverse value of the cyclic frequency of the signal. This condition determines the basic parameters of the amplifier and permits its economical lay-out. If it is desired to obtain a magnetic amplifier operating in a certain frequency range from  $\mathcal{W}_1$  to  $\tilde{\mathcal{W}}_2$ 

with a maximum mean coefficient of power amplification, then its time lag is to be selected according to  $2 - 1/w_1 w_2$ . If the frequency distortion coefficient is known, the time lag of the amplifier is determined from the two equations given here (29) or (30).

There are 6 figures, and 2 Slavic references.

SUBMITTED: January 30, 1957.

AVAILABLE: Library of Congress.

> 1. Magnetic amplifiers-Analysis 2. Magnetic amplifiers-USSR

Card 2/2

# PHASE I BOOK EXPLOTTATION

sov/4452

Volchkov, Konstantin Konstantinovich, Boris Yakovlevich Grishkan, and Mikhail Markovich Zarkhin

Ekspluatatsiya setevykh sooruzheniy gorodskoy elektricheskoy seti (Operation of Line Structures of Municipal Electric Networks) Moscow, Gosenergoizdat, 1960. 394 p. Errata slip inserted. 20,000 copies printed.

Ed.: A.P. Shcheglov; Tech. Ed.: 0.S. Zhitnikova.

PURPOSE: This book is intended for the foremen, electricians, and other workers of municipal electric networks. It may also be used as a handbook by technical personnel engaged in the operation or design of municipal networks and technical personnel of electric networks servicing industrial establishments.

COVERACE: The book examines the arrangement and operation of the electric equipment and structures of municipal electric networks. The procedure of operation, maintenance, repair work, and the technical norms for work and materials based on the existing regulations are indicated. Information is given on accident prevention measures. The book is based on experience gained from many years of

Card 1/6

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Operation of Line Structures (Cont.)

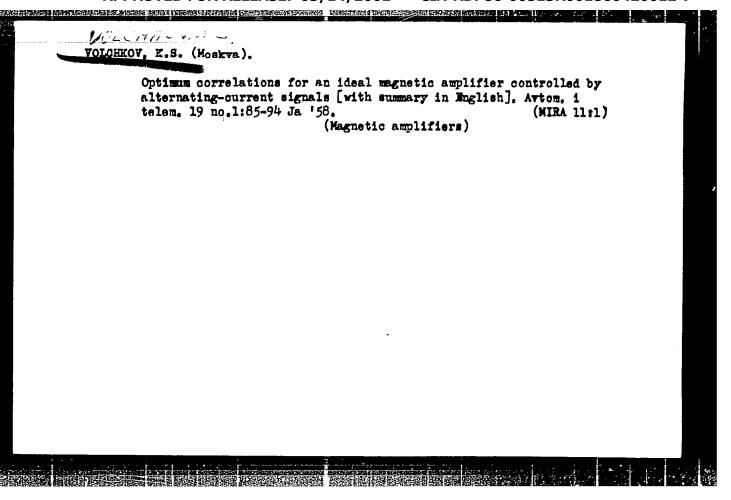
80V/4452

operating the Leningrad municipal network in conformity with the requirements of technical progress, automation, mechanization, and new methods of work organization. Stress is laid on practical data which should be useful for the operation of the network of any large city. The authors thank A.K. Mann, Candidate of Technical Sciences, B.M. Baranov, P.K. Poklan, L.P. Smirnov, G.I. Fomichev. and T.A. Fridkin, Engineers of the Moskovskaya kabel'naya set' (Moscow Cable Lines), who reviewed the book, as well as Engineer A.P. Shcheglov, its editor. Chs. I, V, and VI were written by M.M. Zarkhin; Chs. II and III by B. Ya. Grishkan; Ch. IV by K.K. Volchkov.

# TABLE OF CONTENTS:

Ch. I.	Municipal Electric Network of Political	
1.	Municipal Electric Network as Part of an [Interconnected] Power System Place of municipal and conventional terminology	
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<b>4.</b>	Technical and economic indices of municipal network operation Organization of municipal electric network operation	12
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Card 2/6



SOV/1.36-59-4-9/24

AUTHOR:

Volchkov, N.A.,

TITLE:

Some Problems in the Conversion of Arsenical Cobalt-Nickel Ores to Speiss (Nekotoryye voprosy pererabotki mysh'yakovistykh kobal'to-nikelevykh rud na shpeyzu)

PERIODICAL: Tsvetnyye metally, 1959, Nr 4, pp 42-49 (USSR)

ABSTRACT:

In the post-war period a large deposit of cobalt-nickel arsenic ores has been discovered in Siberia, differing (Ref 5) from that being worked in the Caucasus. The aim of the author's work, carried out in 1955-57 on a laboratory and larger scale at the Ufaleyskiy nikelevyy nickel works) was to supplement the scant zavod (Ufaley published information on the smelting of such ores. The composition used was 2.0% Co, 2.9% Ni, 3.65% Fe, 15.67% As and 6.32% S, about 50% being represented by primary arsenides and 50% by arsenic oxidised minerals (table 1). To find the influence of added carbon on the yield and composition of the speiss and slag, 40-60 kg samples of ore in the works stockyard were taken and analysed (results are shown in table 2). 100-500 g of ore and 0-10% of its weight of metallurgical coke were

Card 1/5

507/136-59-4-9/24

Some Problems in the Conversion of Arsenical Cobalt-Nickel Ores to Speiss

used for laboratory smelting tests. The charge was (1 mm size) heated to 1350-1400°C, maintained at this temperature for 30 minutes and then cooled in air. The solidified product was broken up and the spaiss separated from the slag. For the larger-scale work 20 kg of ore, 0.8 kg coka, 0.8 kg lime and 0.6 kg fluorspar crushed to 3-5 mm were heated to 1300°C, maintained at this temperature for a few minutes and then cooled in air. The author discusses the theory of ore smelting to speiss in terms of the behaviour or various elements. He concludes that with a partially oxidised ore this should be effected in a reducing atmosphere and that the basic facts for argenical cobalt-nickel ore is the greater affinity of cobalt and nickel, compared with iron, towards arsenic than towards oxygen, as a result of which iron goes into slag and cobalt and nickel into speiss. Table 3 shows ore and speiss compositions, charge coke-content and speiss yield for the laboratory experiments, the yield increasing

Card 2/5

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001860420012-7"

sov/136-59-4-9/24

Some Problems in the Conversion of Arsenical Cobalt-Nickel Ores to Speiss

with increasing charge coke content. The speiss composition as a function of the reducing-agent content of the charge being shown in Fig 1. The total cobalt and nickel content of the spelss is sufficient for the hydrometallurgical extraction of these metals. The different degrees of concentration (content in speiss: convent in ore) for the different metals in relation to the reducing-agent content of the charge is shown in Fig 2 for the smelting of two ores. By changing the reducingagent content the ratio of cobalt and nickel to iron in the speiss can be altered. The distribution of cobalt and nickel between speiss and slag is shown in Fig 3 as functions of the [Fe]: (Fe) ratio; Fig 4 shows that of cobalt as functions of [Fe]: (Fe) and of [Fe + Ni]: (Fe + Ni). As shown by the tabulated results (table 4) the arsenic content of the speiss has not much effect on the cobalt and nickel distributions, though there is some tendency for the distribution coefficients to decrease when

Card 3/5

sov/136-59-4-9/24

Some Problems in the Conversion of Arsenical Cobalt-Nickel Ores to Speiss

(cobalt + nickel + iron) : arsenic in the speiss decreases. The values of the nominal equilibrium coefficients given in this table agree well with some published values (Ref 7, 8, 9). Table 5 gives data on the recovery of cobalt and nickel into the speiss for the laboratory tests: maximal recovery was obtained with 4 to 6% coke in the charge, the cobalt and nickel losses in the slag then being 0.62 to 1.95 and 1.27 to 2.95% respectively. By regulating the reducing-agent content of the charge the degree of removal of sulphur and arsenic into the gas could be varied. The slag composition corresponding to minimal cobalt and nickel contents was found in the flux-less experiments to be 38 to 42% SiO2, 34 to 36% CaO, 6 to 8% FeO, 4.6% MgO and 12 to 16% Al203, which was highly fluid at 1400°C. The author concludes that his work proves the possibility of applying flux-less smelting in a

Card 4/5

SOV/136-59-4-9/24

Some Problems in the Conversion of Arsenical Cobalt-Nickel Ores to Speiss

reducing atmosphere to the ores investigated. There are 4 figures, 5 tables and 9 references, 7 of which are Soviet and 2 German.

ASSOCIATION: Ufaleyskiy nikelevyy zavod (Ufaley Nickel Works)

Card 5/5

WOLCHKOV, P., insh.

Experience in using composite girders and trusses 24 meters in length. Stroitel' no.6:11-13 Je '58.

1.Starshiy proizvoditel' rabot UNR-77 tresta No.16, Minsk.

(Girders) (Trusses)

VOLCHKOV, P., insh.

Using HII-200 girders. Stroitel' no.12:2-3 D '57. (MIRA 11:2)
(Girders)

VOLCHKOV, P.B. (Moskva)

Evaluation of the function of the adrenal cortex in hypertension by the excretion of 17-ketosteroids with the urine. Klin.med. 40 no.5:77-85 162. (MIRA 15:8)

1. Iz Glavnogo voyennogo gospitalya imeni akad. H.H. Burdenko. (HYPERTENSION) (ADRENAL CORTEX) (URINE-ANALYSIS AND PATHOLOGY)

VOLCHKOV, P.I.

New design of nozzles for the SM-537 hydraulic jack. Suggested by P.I.Volchkov. Rats.i izobr.predl.v stroi. no.11: 21-22 '59. (MIRA 13:3)

1. Po materialam spetstresta No.16 "Stroymontazh" Ministorstva stroitel'stva BSSR.

(Hydraulic jacks)

VOLCHKOV, P.M., inzh.; OLENDAREV, N.S., inzh.; RYKOV, V.D., inzh.

Shaft sinking with preliminary rock cementation. Shakht. strct.
no.6:27-29 '58. (Nira 11:6)

(Shaft sinking) (Grouting)

KOMSKIY, D. Prinimali uchostive: VOLKOV, V.; VOLCHKOV, V.; GORSHKOV, A. KOPYTOV, Ye.; SALOV, V.; SHORIKOVA, T.; STOLYAROV, Yu., red.

THE PERSON HAS BEEN ASSESSED FOR THE PROPERTY OF THE PERSON WHEN THE PERSON WE WANTED

[Cybernetics made easy] Prostaia kibernetika. Moskva, Molodaia gvardiia, 1965. 158 p. (MIRA 18:7)

1. Sverdlovskiy gosudarstvennyy pedagogicheskiy institut (for all except Stolyarov).

VOLCHKOV, V.

Victory is born of labor. Prof.-tekh. obr. 14 no.1:30

Victory is born of labor. Prof.-tekh. obr. 14 no.1:30

Ja '57.

1. Pomoshchnik direktora po kul'turno-vospitatel'noy rabote
Zhukovskogo uchilishcha mekhanizatsii sel'skogo khozyaystva
(Akmolinskaya oblast'.).

(Akmolinsk Province--Farm mechanization--Study and teaching)

23562

S/118/61/000/005/005/006 D203/D306

9, 2584 AUTHORS: Shaporov, B.D. and Volchkov, V.F., Engineers

TITLE:

A contactless transmitter

PERIODICAL:

Mekhanizatsiya i avtomatizatsiya proizvodstva, no. 5,

1961, 35-36

TEXT: A contactless transmitter of the type  $AU\Pi - 1(DIP-1)$  induction type semiconductor transmitter) has been designed in the Laboratoriya avtomatiki (Automation Laboratory) of the Pervoural'skiy Novotrubnyy zavod (Pervoural Novotrubnyy Plant) (Fig. 1).

Fig. 1. Circuit diagram of the transmitter. L<sub>1</sub> - 700 turns;

L<sub>2</sub> - 350 turns; C<sub>1</sub> - 0.07; C<sub>2</sub> - For figure 1 see card 3/3 0.1; C<sub>3</sub> - 1.0; R - 7.5 Kilohms

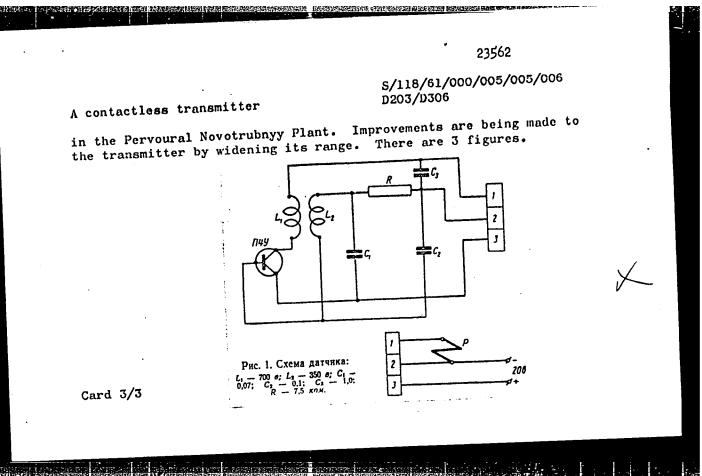
Card 1/3

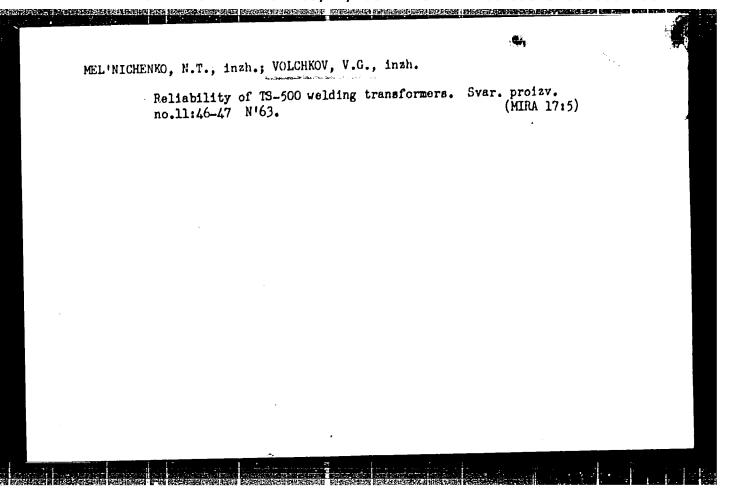
23562

S/118/61/000/005/005/006 D203/D306

A contactless transmitter

A triode of the type  $\Pi$ 4Y (P4U) is used as generator of the sinusoidal oscillations. Its collector circuit is connected to the winding of a relay. The interconnected collector and base circuits of the triode generate self-oscillations and there is mutual induction between the windings  $L_1$  and  $L_2$ , situated at some distance apart. When a metallic screen is introduced into the air gap between the windings  $L_1$  and  $L_2$ , the oscillations of the generator cease. The resistance of the collector circuit of the triode in the absence of oscillations is much smaller than in their presence and, thus, the current in the collector circuit increases when the oscillations cease. The current increase brings the relay into operation. The relay of the transmitter is 20V. The transmitter works in a stable manner when the distance between the faces of the transmitter is 40 mm or less. The accuracy of the breaking screen position is 1 mm when the width of the metallic screen is equal to the double width of the face; the limiting factor for the speed of the screen is the relay speed. The transmitter of the type (DIP-1) works in a stable manner at a screen speed of up to 16 mm per/sec. Card 2/3





BARABASHKIN, I.I.; VOLCHKOV, V.I.; RAZHEV, S.M.

Testing pin roller bits used in prospecting. Razved.i okh.nedr. 28 no.11:26-30 N '62. (MIRA 15:12)

1. TSentral noye konstruktorskoye byuro Ministerstva geologii i okhrany nedr SSSR.

(Boring machinery—Testing)

VOLCHKOV, VM.

AID P - 5465

Subject : USSR/Aeronautics - remote control

Card 1/1 Pub. 135 - 11/29

Author : Volchkov, V. M., Eng.-Captain

Title : Aviation jet armament

Periodical: Vest. vozd. flota, 2, 45-56, F 1957

Abstract : A description of principles of various remote control

systems of missiles is given in this article. Eight diagrams, 1 graph. The article is of informative

value.

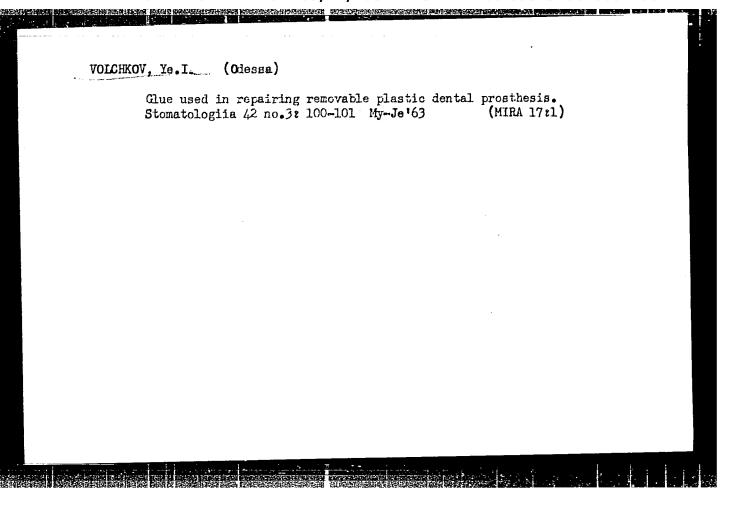
Institution: None

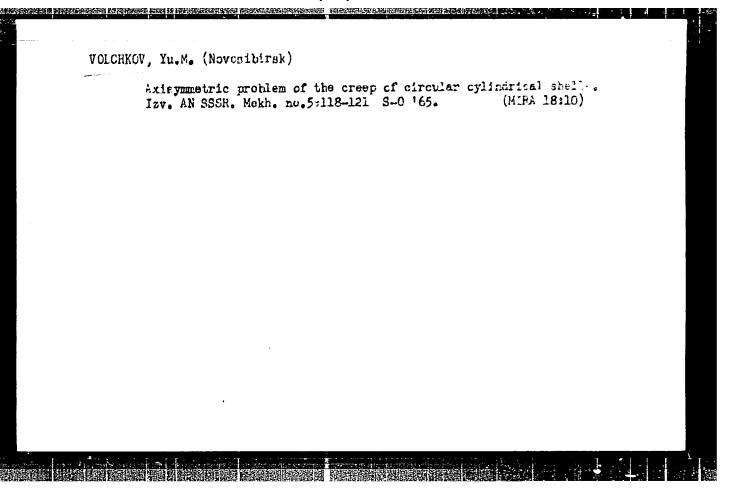
Submitted : No date

VOLCHKOV, V.Ye. [Valchkou, V.E.]

Morphoanatomical characteristics of feeding roots of some woody plants. Vestsi AN BSSR. Ser. biial. nav. no.3:55-61 '65. (MIRA 18:11)

# VOLCHKOV, Ye. Our ferrous mecals trade. Vnesh.torg. 28 [1.e. 29] no.1:38 (MIRA 12:2) 1. Predsedatel' Vsesoyuznogo eksportno-importnogo ob"yedineniya "Promsyr'yeimport." (Metal trade)





DANILOVA, T.N., kandidat tekhnicheskikh nauk; VOICHKOVA, A.T., starshiy inzhener

[Album of machinery, tools and apparatus for finishing work in the repair of building facades] Al'bom mekhanizmov, instrumentov i prisposoblenii dlia proizvodstva otdelochnykh rabot pri remonte fasadov zdanii. Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1956. 70 p. (MIRA 9:8)

1. Akademiya kommunal'nogo khozyaystva, Moscow. Nauchno-issledovatel'skiy institut, Leningrad. 2. Leningradskiy nauchno-issledovatel'skiy institut Akademii kommunal'nogo khozyaystva im. K.D. Pamfilova

(Building machinery)

MIRONOVA, M.N., kandidat tekhnicheskikli nauk; VOLCHKOVA, A.T., inshener.

Wintertime repair of building facades in Leningrad. Gor.khoz,
(MLRA 9:3)

(Leningrad-Building-Repair and reconstruction)

RODNOV, V.I.; MARTYNOV, B.P.; VASIL'YEV, N.V.; NIKOLAYENKO, B.Z.; GUROV, Ye.P.; VOLCHKOV, Ye.P.; NICHKOV, V.N.; MARKELOV, I.A.; GUBANOV, M.V.

What does you association offer for the 43d anniversary of the Great October? Chiefs of all-union associations speak. Vnesh. torg. 30 no.10:28-33 '60. (MIRA 13:10)

1. Predsedatel' Vsesoyuznogo ob"yedineniya "Mashinoeksport" (for Rodnov). 2. Predsedatel' Vsesoyuznogo ob"yedineniya "Mashonoimport" (for Martynov). 3. Predsedatel' Vsesoyuznoye ob"yedineniye "Mashpriborintorg" (for Vasil'yev). 4. Predsedatel' Vsesoyuznogo ob"dineniya "Tekhnopromimport" (for Gubanov). 5. Ispolnyayushchiy obyasamosti predsedatelya Vsesoyuznogo ob"yedineniya "Soyuzpromeksport" (for Hikolayeko). 6. Predsedatel' Vsesoyuznogo ob"yedineniya "Soyuznefteeksport" (for Gurov). 7. Predsedatel' Vsesoyuznogo obyedineniya "Promsyr'yeimport" (for Volchkov). 8. Predsedatel' Vsesoyuznogo ob"yedineniya "Raznoeksport" (for Markelov). (Russia--Commerce)

VOLCHKOV, Yu.A.; VOROBTSOVA, I.Ye.

Comparative study of the frequency of occurrence of dominant lethal mutations in various Drosophila melanogaster stocks. Vest. IGU 19 no.15:124-129 '64.

(MIRA 17:11)

VOLCHKOV, Yu.A.; ALEKSANDROV, Yu.N.

Relation between the frequency of the occurrence of phenocopies and the X-ray dose. Vest. LGU 18 no.21:95-105 (6) (16:12)

S/095/60/000/012/002/003 A053/A129

AUTHOR:

Volchkova, N.S., Engineer

TITLE:

The need of new devices for insulation inspection

PERIODICAL:

Stroitel'stvo truboprovodov, no. 12, 1960, 16

TEXT: The modern method of lowering pipelines into the trench immediately after insulation calls for urgent development of a new device for inspecting and checking the quality of the insulation. The flaw detector offered by VNIIST applies rather to the old technology, whereby pipes were insulated and lowered separately into the soil. In the opinion of the author the problem could be solved best by combining the design of the experimental flaw detector of VNIIST, which was tested in 1960 and the device proposed by Rumyantsev, Chief Mechanic of the SU-5 trust of Mosgazprovodstroy. In accordance with this proposal the heavy electric part of the mechanism of the device should be placed on the insulator and the light metal ring on the pipeline, both moving along as the work progresses. Unfortunately a trial model providing for such a combination has not yet been produced. The author further comments on the flaw detector issued by VNIIST intended for heavy and extra-heavy insulation. Practical tests on the pipeline con-

Card 1/2

The need of new devices for insulation inspection

8/095/60/000/012/002/003 A053/A129

struction Serpukhov-Leningrad revealed serious shortcomings of the proposed device. In this connection the question arises whether there is any use in a flaw detector for heavy insulation which signals only the presence of complete lack of insulation in certain places and not insufficient thickness of same. Even flaw detectors working on a voltage of 36,000 v do not locate a defect consisting in a layer of insulation as thin as a tenth of a millimeter. In case of extra-heavy insulation the flaw detector does not react to such changes in the thickness of the insulation as a drop from 9 to 1 - 2 mm. A flaw detector must be able to register any difference in the thickness of insulation layers. It is up to VNIIST to develop such a device. The magnetic thickness meters offered by VNIIST can only be used with insulated pipes lying on ground rests. There is also need of a device capable of revealing the strength of cohesion between pipe and insulation. The idea of such a device has not been pursued beyond the issue of a test model.

Card 2/2

S/181/61/003/011/053/056 3109/B102

AUTHOR:

Volchok, B. A.

TITLE:

Optimum regime of the zone levelling process

PERIODICAL: Fizika tverdogo tela, v. 3, no. 11, 1961, 3549-3550

TEXT: Earlier papers of the author (Ref. 1: B. A. Volchok, FTT, 2, 1233, 1951; Ref. 2: B. A. Volchok, V. Ya. Frenkel', FTT, 8, 2010, 1961; Ref. 3: B. A. Volchok, V. Ya. Frenkel', IFZh, avgust, 1961) are supplemented by a) calculating that width b = b(l) of the fluid zone at which the levelling process is completed already after two cycles, and b) by application of the formulas obtained to the alloying process. a) b, denotes the value of b(l) at the left end of the sample, b, the value of b(l) at the rigth end, Y' = const is the initial distribution of the admixture, k = const is the segregation coefficient, l, is the sample length. Proceeding from the equations for the concentration given in Ref. 2. Card 1/4

Optimum regime of the zone ...

S/181/61/003/011/053/056 B109/B102

$$2\frac{k}{b_1}y_{10}l + C = (Y_0 + y_{10})z + (1-k)Y_0 \exp(-z). \tag{6}$$

is obtained for the first two cycles for the sought b(1) where

$$C = (1-k) \exp\left\{-\frac{k}{b_1}(l_0-b_1)\right\} - k. \tag{7}$$

In this case  $y_2(1) = y_1(1 - b/2) \Big|_{1=1_0-b_1/2} = y_{10} = Y_0 \Big|_{1-(1-k)} \exp \left(-\frac{k}{b_1}(1_0-b_1)\right)$ 

b) The alloying process differs from the zone levelling process only in that the initial distribution of the admixture in the sample (apart from the fluid zone) is equal to zero. Hence, in analogy to Ref. 1,

Card 2/4

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Optimum regime of the zone ...

S/181/61/003/011/053/056 B109/B102

$$y_{1s}(x+k) = \frac{ky_0}{1+x_0-k} \times$$

$$\times \left[1 - \frac{4y}{x_0 - k} \frac{\cos \frac{x_0 - x - k}{x_0 - k} y}{\sin y \left[1 + \frac{y^2}{(x_0 - k)(x_0 - k + 1)}\right] \left[1 + \frac{y^2}{(x_0 - k)^2}\right]^y}\right]. \tag{8}$$

$$y_{2n+1}(x) = \frac{ky_0}{1+x_0-k} \times$$

$$\times \left[1 - \frac{4y}{x_0 - k} \frac{\cos \frac{x_0 - x - k}{x_0 - k} y - \frac{y}{x_0 - k} \sin \frac{x_0 - x - k}{x_0 - k} y}{\sin y \left[1 + \frac{y^2}{(x_0 - k)(x_0 + 1 - k)}\right] \left[1 + \frac{y^2}{(x_0 - k)^2}\right]^{n+1}}\right], \tag{9}$$

are obtained for an arbitrary number of cycles where y is the first positive root of the equation (22) in Ref. 1. There are 3 Soviet references.

Card 3/4

Optimum regime of the zone ...

S/181/61/003/011/053/056
B109/B102

ASSOCIATION: Fiziko-tekhnicheskiy institut im. A. F. Ioffe, AN SSSR
Leningrad (Physicotechnical Institute imeni A. F. Ioffe,
AS USSR Leningrad)

SUBMITTED: August 1, 1961

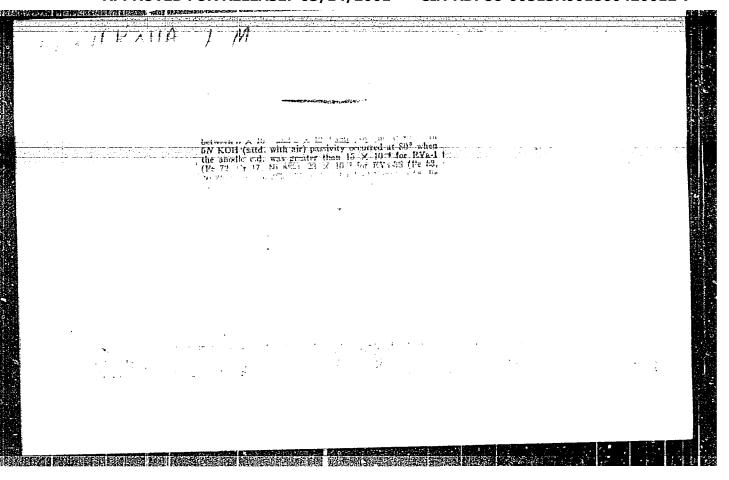
Card 4/4

VOICHOK, V.I., inzh.; NOVIKOV, P.A., inzh.

Machines for laying precast reinforced concrete supports in horizontal tunnels. Mekh. trud. rab. 12 no.2:25-27 F '58.

(Mine timbering)

(MIRA 11:3)



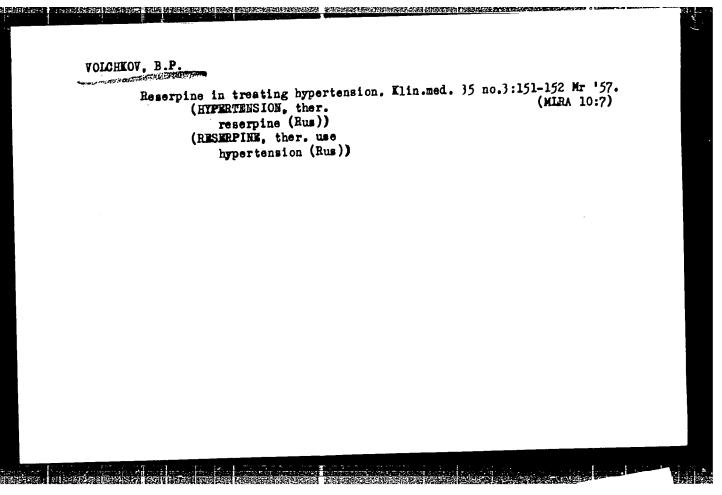
# Wolorheostosis (Leri's disease). Ortop., travm. i protez. 17 no.1: 54-56 Ja-7'56. (MIRA 9:12) 1. Iz Fakul'tetskoy khirurgicheskoy kliniki (zav. - prof. M.G.Ruditskiy) Kurskogo meditsinskögo instituta (dir. - prof. A.V.Savel'yev) (CSTROSCIMBOSIS melorheostosis)

VOLCHKOV, A.V.

Diagnostic role of arteriography in tumors of the extremities.

Ortop.travm. i protez. 18 no.6:28-30 N-D '57. (MIRA 11:4)

# 



"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001860420012-7 USSR/Pharmacology. Toxicology. Cardio-Vascular Drugs. V-5 Abs Jour : Ref Zhur-Biol., No 6, 1958, 28089. , Volchkov B. P. : Experiment of Application of Reservine in the Author . Not given. Therapy of Hypertonic Patients. Orig Pub : Klinich. meditsina, 1957, 35, No 3, 151-152. Inst . Twenty-eight patients who have been ill with hypertonia for periode of 3-5 years were treated Title patients who have used the treated pertonia for periods of 3-5 years were high man administered by month with research which was administered by month pertonia for periods of 5-7 years were treated by mouth with reservine which was administered by mouth with reservine of 0.25-0.5 mg which were gradually in daily doses of 0.25-0.5 mg appearance of definite increased to 0.75-2 mg. The appearance in doincreased to 0.75-2 mg. contraindicated an increase in deside reactions contraindicated an increase in deside reactions. side reactions contraindicated an increase in do-ses. Duration of treatment was 20 days. 1 good side reactions contraindicated an increase in decrease an increase in decrease an increase in decrease Abstract

card 1/2 Card 2/2

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R0018604

and the second s

VOICHKOV, B.P. (Moscow).

Clinical aspects of gastrointestinal reticulosis. Klin.med. 31 no.8:80-82
Ag '53.

(Digestive organs--Tumors) (Reticulo-endothelial system-Diseases)

VOICHKOV, B.P. (Moskva)

Olinical aspects of acute disseminated lupus erythematosus. Elin.

med. 35 no.6:90-98 Je '57. (MIRA 10:8)

(IUPUS ERYTHEMATOSUS, DISSEMINATED, case reports clin. aspects)

VOLCHKOV, I.; YALYSHEV, P.

Development of business accounting at the Ural Railroad Car Construction Plant. Sots.trud 4 no.11:109-116 N 159. (MIRA 13:4)

Hermonian in the company of the comp

Nachal'nik tsekha ram i ferm Uralvagonzavoda(for Volchkov).
 Nachal'nik byuro organizatsii truda i zarabotnoy platy tsekha chugunnogo i tsvetnogo lit'ya Uralvagonzavoda (for Yalyshev).
 (Railroads--Cars--Construction)

- 1. VOLCHKOV, I., Eng.
- 2. USSR (600)
- 4. Cream Separators
- 7. Apparatus for dynamic blancing of separator drums. Moloch.prom., 14, no. 1, 1953.

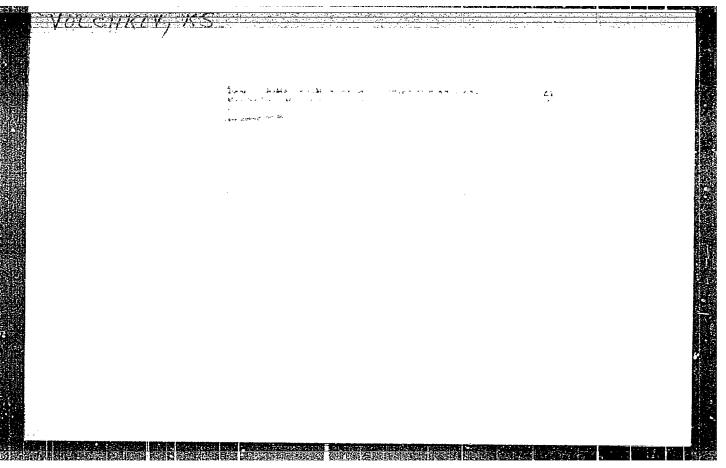
9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

GUBANOV, Aleksandr Ivanovich; NOVOZHILOV, Yu.V., redaktor; VOLCHOK, K.M., tekhnicheskiy redaktor

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[A theory of the rectifying activity of semiconductors] Teoriia vypriamliaiushchego deistviia poluprovodnikov. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 348 p.

(Semiconductors) (MLRA 9:10)



KRASNITSKIY, L.Ya.; EDEL'SON, A.Z.; VOICHKOV, L.B.

Automatic production line for drills with a diameter from 3 to 6 mm. Stan.i instr. 32 no.9:30-33 S '61. (MIRA 14:8) (Moscow-Metal-cutting tools)

VOLCHKOV, N. A. Cond Tech Sci -- "For the problem of electric smelting of antarile cobalt-nickel ore for speiss." Sverdlovsk, 1960. (Min of Higher and Secondary Special Education RSFSR. Ural Polytechnic Inst im S. M. Kirov). (KL, 1-61, 192)

-183-

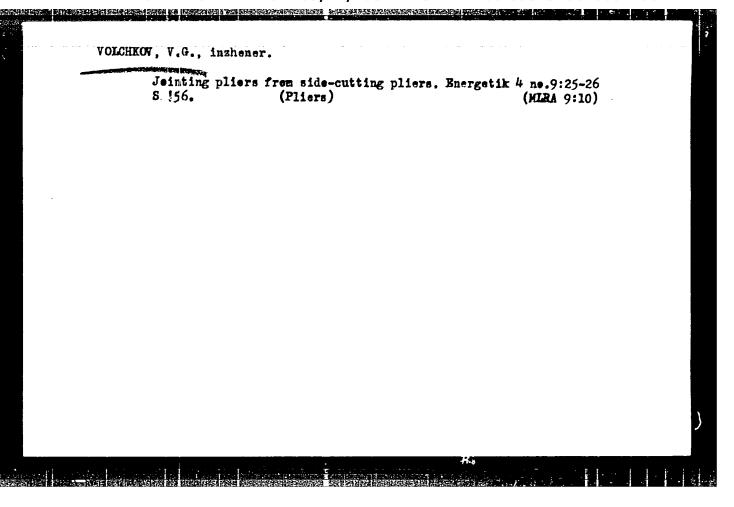
Large block apartment houses for coal basin building developments.  Shakht.stroi. no.2:11-16 F '57. (MIRA 10:7)
1. TSentrogiproshakhtostroy. (Concrete blocks) (Apartment houses)

VOLCHKOV, V.; YELYASHVILI, A. I.

Farm Buildings

Constructing reed-roofed shoep sheds. Sots.zhiv. 14, No. 9, 1952

Monthly List of Russian Accessions, Library of Congress, December 1952. Unclassified.



- 1. VOLCHKOV, V. G.; ELYASHVILI, A. I.
- 2. USSR (600)
- 4. Silos
- 7. Silo construction. Sots. zhiv. 15, No. 4, 1953.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

#### CIA-RDP86-00513R001860420012-7 "APPROVED FOR RELEASE: 03/14/2001

LWI(m)/EWP(w)/EWP(x)/ETI L 05006=67 135(c)

ACC"NR AR6031068

SOURCE CODE: UR /0277/66/000/007/0002/0002

AUTHOR: Volchkov, V. M.; Pavlov, A. I.; Pashkov, P. O.

TITLE: Concerning a case of the realization of theoretical strength

SOURCE: Ref. zh. Mashinostr mat konstr i raschet detal mash. Gidropr, Abs. 7.48.7

REF SOURCE: Sb. Materialy Nauchn. konferentsii. Sovnarkhoz Nizhne-Volzhsk. ekon, r-na. Volgogradsk. politekhn. in-t. T.I. Volgograd, 1965, 319-323

TOPIC TAGS: strength, theoretical strength, metal deformation, material deformation, metal bond

ABSTRACT: A comparison was made between high-speed deformation pressure and theoretical strength in the impact region, when fusion of metals occurs. For an intensive plastic flow, deformation of the surface layers of plates, the generation of heat in them, and the formation of metallic bonds to it is necessary to achieve pressures corresponding to the order of theoretical strength. From investigations it is deduced that tht process of high-speed setting is actually determined only by the elastic properties of the materials, irrespective of their macrostructure. [Translation of abstract]

possibly related to armor

Card 1/1% SUB CODE: 13/

UDC: 539, 4

VOLCHKOV, V.Ye. [Vauchkou, U.F.]

Growth and development of physiclogically active roots in woody plant seedlings during vegetation period. Vestsi AN BSSR. Ser. biral. nev. no.1:38-44 '65. (MIRA 18:5)

SOURCE CODE: UR/0276/65/000/011/G046/G046 ACC NRI AR6013858 21 AUTHORS: Gerike, L.; Volchkov, Ye.; Lykasov, N.; Bogarsukov, I. TITLE: Department of high accuracy casting with the use of melting patterns, at the Kuznetsk machine construction factory SOURCE: Ref. zh. Tekhnologiya mashinostroyeniya, Abs. 11G360 REF SOURCE: Tr. Mezhotrasl. n.-i. proyektno-tekhnol. in-ta po avtomatiz. i mekhaniz. mashinostr. vyp. 1, 1963, 154-159 TOPIC TAGS: metal casting, machine industry ABSTRACT: A casting department, designed by the MIIPTMASh institute for producing 1000 tons/year, is described. The project includes three independent sections: a section for producing low temperature melting patterns, application of heat resistant layers, drying of the molds and burning out the patterns; a section for drying, forming, firing, pouring, and removal of the castings; a section for trimming, cleaning, and leaching of the castings. OYearly output per worker will be 1.5 times higher than at the casting department of the Podol'sk mechanical factory and 2.5 times higher than at the existing casting department of the Kuznetsk factory. 4 illustrations. Bibliography of 4 titles. L. Yanovskaya /Translation of abstract/ SUB CODE: UDC: 621.74.045

KHIMUNIN, S.D., kand. tekhn. nauk; SHARLYGINA, K.A., ml. nauchn. sotr.; VOLCHKOVA, A.T., st. inzh.; Prinimali uchastiye: POPOVA, N.V., inzh.; EYCHKOVA, A.A., inzh.; SKARBOVICHUK, T.G., inzh.; VIYRA, I.I., arkhitektor; SHEYNA, T.M., st. tekhnik

[Recommendations on redesigning and improving the living conditions of apartment houses of old towns] Rekomendatsii po pereplanirovke i povysheniiu blagoustroistva zhilykh domov staroi zastroiki gorodov. Leningrad, Stroiizdat, 1965.

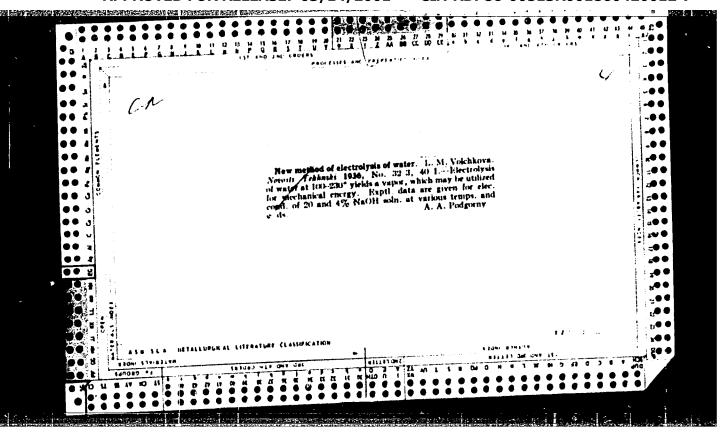
131 p. (MIRA 18:8)

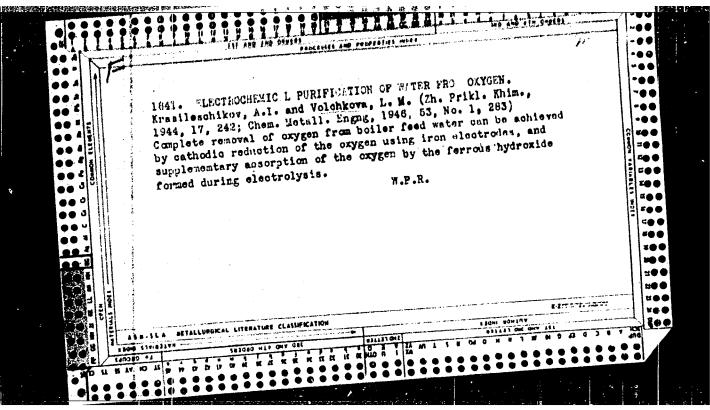
1. Akademiya kommunal'nogo khozyaystva. Leningradskiy nauchno-issledovatel'skiy institut. 2. Rukovoditel' laboratorii kapital'nogo remonta zhilykh domov Leningradskogo nauchno-issledovatel'skogo instituta Akademii kommunal'nogo khozyaystva im. K.D.Pamfilcva (for Khimunin).

RYTSLIN, A.M., inch.; Nikonov, V.I., inch.; VolcHKOVA, I.A., inch.

Heating of power transformers with rectified current. Energetik.
13 no.4:22-24 Ap \*65.

(MIRA 18:6)

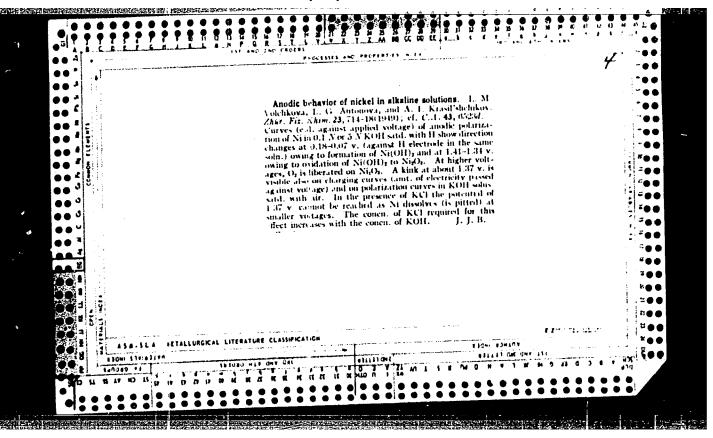




VOLCHKOVA, L. M. Cand. Chem. Sci.

Dissertation: "Anodic Behavior of Nickel and its alloys in Alkaline Solutions." Sci Res Order of the Labor Red Banner Physicochemical Inst imeni L. Ya. Karpov, 1 Dec 47.

So: Vechernyaya Moskva, Dec, 1947 (Project #17836)



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VOLCHKOVA, L. M.	"Passivity of Nickel Alloys With Iron and Chromium in Alkaline Solutions," L. M. Volchkova, L. G. Antonova, A. I. Krasil'shchikov, Moscow  "Zhur Fiz Khim" Vol XXV, No 12, pp 1445-1449  "Zhur Fiz Khim" Vol XXV, No 12, pp 1445-1449  "Zhur Fiz Khim" Vol XXV, No 12, pp 1445-1449  "Zhur Fiz Khim" Vol XXV, No 12, pp 1445-1449  In O.1 and 5 N-KOH solns at 80°C. Found that Cr, in O.1 and 5 N-KOH solns at 80°C. Found that Cr, quantitatively into soln in concd alkali at 80°, quantitatively into soln in conditions unstable ander these conditions. Under same conditions ble under these conditions of the same conditions at high call at 80°, 197724  Fe-Ni alloy anodes with 5% admixt of Ni are more solns. Steels contg 25 and 46% Ni approach Ni in stability.	USSR/Chemistry - Stainless Steels Electrolysis
19/T2h	chromium L. G. An- L. G. An- L. G. An- Landles that Cr, goes at 80°, at 80°, at 19712h 19712h Dec 51 Dec 51 are more in dil ach Ni	Dec 51
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volo-Roya, I. H.	Apr 53	Oxygen," A. I. Kra- . G. Antonova	275-270	sepn of the exper Found the lace at Articipa gen is i	rotes		
	USSR/Chemistry - Oxygen, Hydrogen Peroxide	"Anodic Separation of Molecular Oxygen," A. I. Krasil'shchikov, L. M. Volchkova, L. G. Antonova	Zhur Fiz Khim, Vol 27, No 4, PP Jie-Jie	Investigated the process of electrochem sepn of mol oxygen at a Ni surface in alk solns at the expense of the oxidation of perhydrexyl ions HO2. Found that anodic separation of mol oxygen takes place at the surface of the oxide Ni (OH)2 without participation any higher oxides of NI because mol oxygen is inert towards the electrode surface.		(CA 47 no.21:11049 '53)	

